

# HTML Tags

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## About HTML

Hyper-Text Mark-up Language is not a computer language in the formal sense. It is more a set of typographical conventions that specify the format of a Web-based document. HTML "tags" are codes demarcated by angle brackets < and > that alter the formatting of text placed within the scope of a tag.

## Tags

### Basic Tags

Bold	<code>&lt;b&gt;</code> ■ <code>&lt;/b&gt;</code>
Underline	<code>&lt;u&gt;</code> ■ <code>&lt;/u&gt;</code>
Italics	<code>&lt;i&gt;</code> ■ <code>&lt;/i&gt;</code>
Font	<code>&lt;font color=BLUE&gt;</code> ■ <code>&lt;/font&gt;</code>
Paragraph	<code>&lt;p&gt;</code>
Break	<code>&lt;br&gt;</code>
Horizontal Rule	<code>&lt;hr&gt;</code>

### Tables

Table Start / End	<code>&lt;table&gt;</code> ■ <code>&lt;/table&gt;</code>
Table Row	<code>&lt;tr&gt;</code> ■ <code>&lt;/tr&gt;</code>
Table Data	<code>&lt;td&gt;</code> ■ <code>&lt;/td&gt;</code>

## Hyperlinks

Anchor Link	<code>&lt;a href="URL"&gt; ■ &lt;/a&gt;</code>
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## Embedded Images


Image Link	<code>&lt;img src="URL"&gt;</code>
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## HTML Sandbox

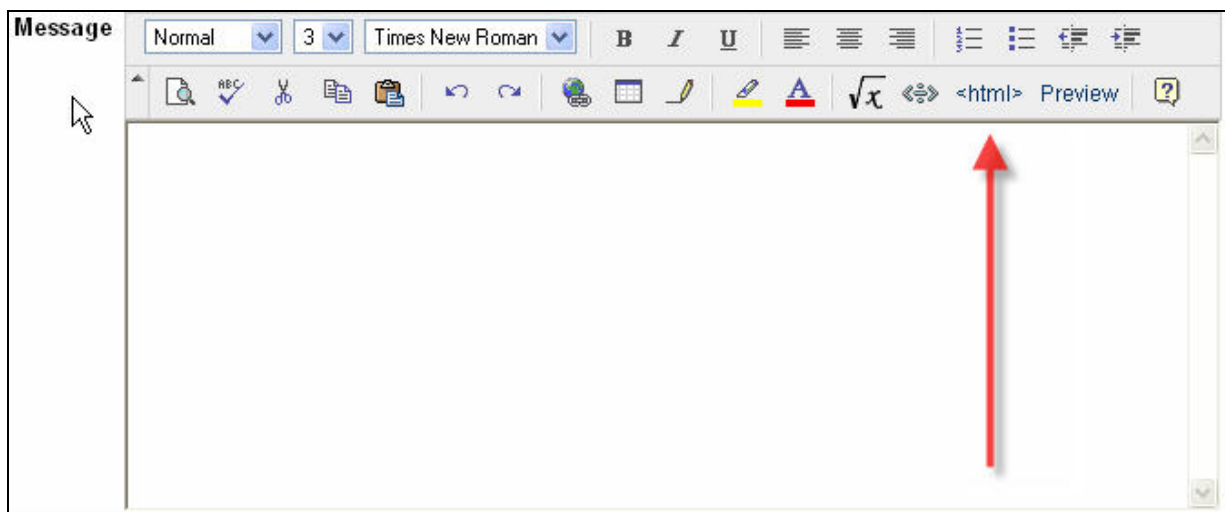
We will learn HTML in the context of a BlackBoard space designated the "HTML Sandbox" (**Figure 1**) in the **Discussion Board** area for **NTFL 2**.

**Module 1: Project 1a - HTML 1 - Sandbox**  
Use this area to test HTML tags as they are introduced during the in-class exercise.  
:-)

**Figure 1:** HTML Sandbox.

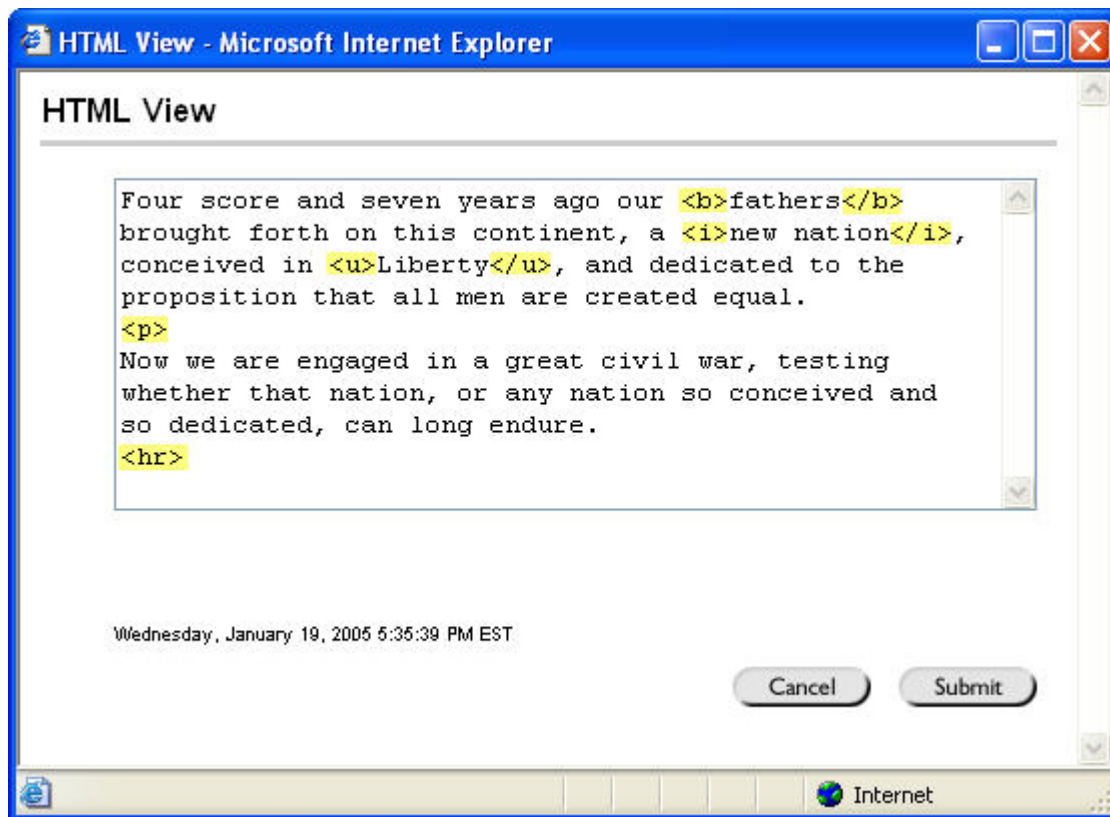
Enter the HTML Sandbox area and add a new thread .

The New Thread Message area opens (**Figure 2**). Of particular interest to us is the HTML edit view, which is invoked by clicking on the **HTML View** button `<html>`.



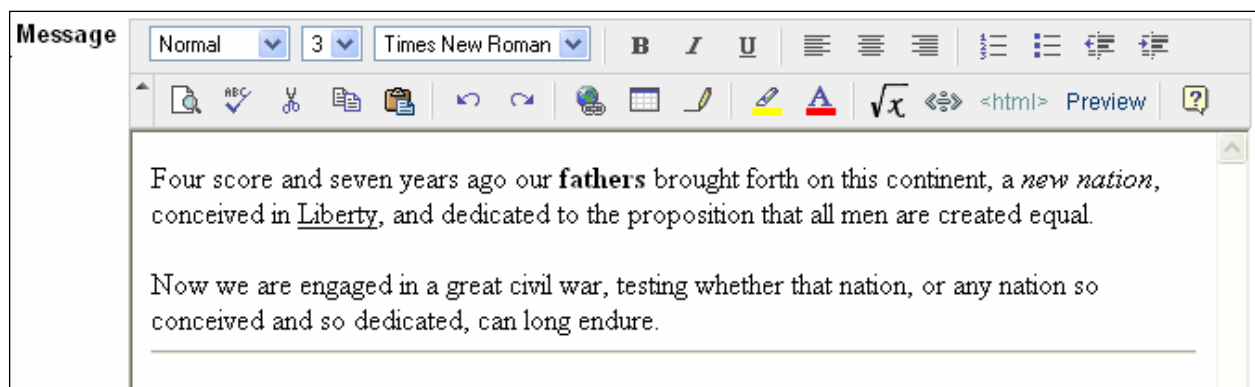
**Figure 2:** HTML Message area and **HTML View** button.

An HTML View window will open (**Figure 3**). Enter the text, with the yellow-highlighted HTML markups, as shown.



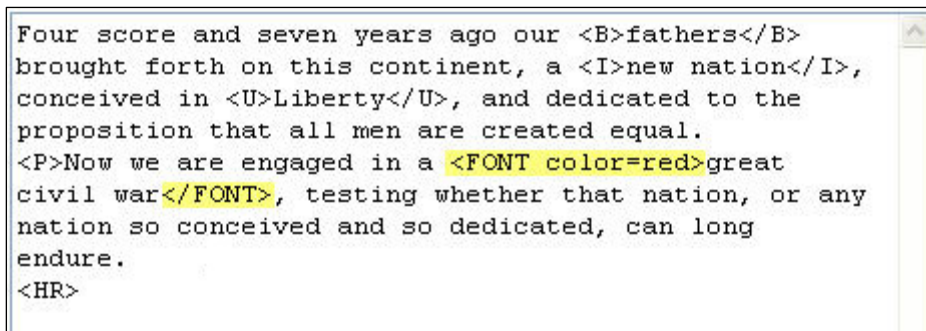
**Figure 3:** HTML with embedded HTML tags and text.

Click the **Submit** button, and note the formatting effects of the embedded HTML tags on the appearance of the Message text (**Figure 4**).



**Figure 4:** Formatted text with HTML effects.


Toggle back into HTML View by again clicking the `<html>` button, and edit in the font tag to observe its effects (**Figure 5**).

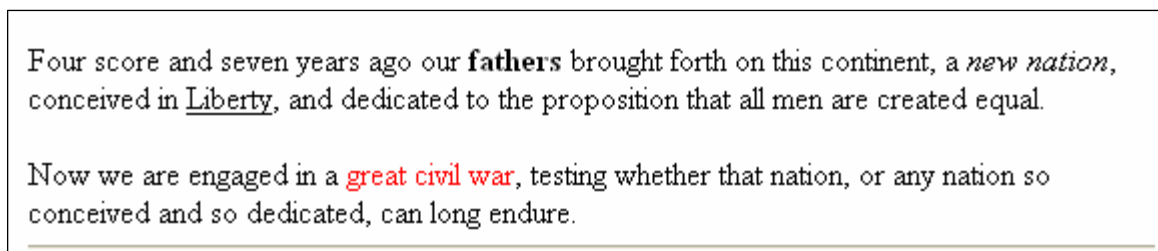
A screenshot of a text editor window showing HTML code. The code is: 

```
Four score and seven years ago our <B>fathers</B>
brought forth on this continent, a <I>new nation</I>,
conceived in <U>Liberty</U>, and dedicated to the
proposition that all men are created equal.
<P>Now we are engaged in a <FONT color=red>great
civil war</FONT>, testing whether that nation, or any
nation so conceived and so dedicated, can long
endure.
<HR>
```

 The text is displayed in a monospaced font. The code for the font tag is highlighted in yellow.

**Figure 5:** Font tag.

Returning to regular Message view (click the  button), note the font tag encapsulated text is now red. (**Figure 6**).

A screenshot of a message view showing the rendered HTML. The text is: 

Four score and seven years ago our **fathers** brought forth on this continent, a *new nation*, conceived in Liberty, and dedicated to the proposition that all men are created equal.

Now we are engaged in a **great civil war**, testing whether that nation, or any nation so conceived and so dedicated, can long endure.

---

 The text is displayed in a regular message font. The words "great civil war" are in red.

**Figure 6:** Font tag effect (red text).

We will now embed a table containing significant dates of Civil War events. Return to HTML View via the `<html>` button.

Now enter the table tags and text as depicted in **Figure 7**.

```
nation so conceived and so dedicated, can long
endure.
<HR>
<b>Significant Events of the Civil War</b>
<P>
<TABLE>
  <TR>
    <td>Fort Sumpter</td>
    <td>4/12/1861</td>
  </TR>
  <TR>
    <td>Gettysburg Address</td>
    <td>11/19/1863</td>
  </TR>
  <TR>
    <td>Confederate Surrender</td>
    <td>4/7/1865</td>
  </TR>
</TABLE>
```

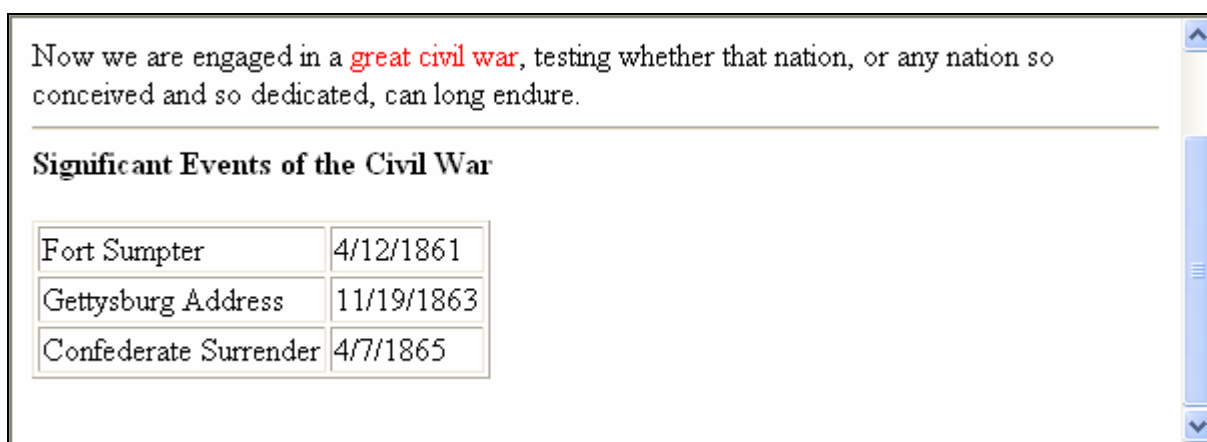
**Figure 7:** Table tags and embedded text.

Modify the table tag as follows

**<table border=1>**

This will add a one pixel-wide border around your table, helping you to delineate its grid-like structure.

Return to regular Message view and note the table arrangement of your Civil War events (**Figure 8**).



**Figure 8:** Table formatted data.

Note that when you return to HTML view, Blackboard will have imposed its own structure on your HTMLized text. The indented format we imposed on the table during input was

intended to depict the scope of each tag's effects, and is a good form to follow initially so that proper balance of tag delimiters (scoping of tags) is observed.

We will now embed a hyperlink to the Library of Congress Gettysburg Website after the table code. Enter the following HTML:

```
<a href="http://www.loc.gov/exhibits/gadd">  
Library of Congress Gettysburg Address Site  
</a>
```

The **grey** highlighted text above is our text link, while the **yellow** highlighted text demarks the hyperlink and provides the URL to jump to when the text link is clicked.

Return to Message view and note that the hyperlinked text is blue underscored (Figure 9).

Four score and seven years ago our **fathers** brought forth on this continent, a *new nation*, conceived in Liberty, and dedicated to the proposition that all men are created equal.

Now we are engaged in a **great civil war**, testing whether that nation, or any nation so conceived and so dedicated, can long endure.

---

### Significant Events of the Civil War

Fort Sumpter	4/12/1861
Gettysburg Address	11/19/1863
Confederate Surrender	4/7/1865

[Library of Congress Gettysburg Address Site](http://www.loc.gov/exhibits/gadd)

Reply

**Figure 9:** Hyperlinked text.

Finally, we embed an image in the text, this time at the top of the document.

Toggle HTML View (**<html>**) again, and edit the following HTML at the top of the document.

```

```

Add a **<br>** tag after the image link to force a line break.

Upon submitting the updated text to BlackBoard, an image should appear at the top of the document.